

Attorney Docket No. 5405.225
Application Serial No.: 09/830,045
Page 2

IN THE CLAIMS

Please amend the claims as follows. This listing of claims replaces all prior versions.

1 (currently amended) A method of ~~screening~~ identifying a human subject for having an increased risk of developing breast cancer or colon cancer ~~proliferative disease~~, comprising: detecting the presence or absence of upregulation of the *CLN3* gene in said subject, wherein the upregulation of the *CLN3* gene in said subject identifies the subject as having an increased risk of developing breast cancer or colon cancer ~~indicating said subject is at increased risk of developing a proliferative disease;~~

~~said proliferative disease selected from the group consisting of breast cancer, colon cancer, soft tissue and bone sarcomas, neuroendocrine tumors, squamous carcinomas, and adenocarcinomas.~~

2 (currently amended) The method of claim 1, wherein said subject has been previously diagnosed as ~~afflicted with said proliferative disease~~ with breast cancer or colon cancer.

3 (currently amended) The method of claim 1, wherein said subject has not been previously diagnosed as ~~afflicted with said proliferative disease~~ with breast cancer or colon cancer.

4 (currently amended) The method of claim 1, wherein said subject has been previously ~~prognosed~~ identified to be at increased risk of developing ~~said proliferative disease~~ breast cancer or colon cancer.

5 (currently amended) The method of claim 1, wherein said subject has not been previously ~~prognosed~~ identified to be at increased risk of developing ~~said proliferative~~

Attorney Docket No. 5405.225
Application Serial No.: 09/830,045
Page 3

diseasebreast cancer or colon cancer.

6 (original) The method of claim 1, wherein said detecting step is carried out by detecting increased mRNA levels for said *CLN3* gene.

7 (canceled)

8 (currently amended) The method of claim 1, wherein said proliferative disease is the subject is identified as having an increased risk of developing breast cancer.

9 (currently amended) The method of claim 1, wherein said proliferative disease is the subject is identified as having an increased risk of developing colon cancer.

10 (currently amended) The method according to of claim 1, wherein said subject has undergone treatment for said proliferative diseasebreast cancer or colon cancer.

11-48 (canceled)